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Reply to Office Action of July 11, 2005

### **REMARKS**

By the above amendment, applicant has amended claims 1 and 9. Claims 3-4, 6-7, 12, 15 and renumbered claims 17-19 have been canceled without prejudice. Claims 1, 2, 5, 8-11, 13-14 and renumbered claim 16 remain pending in the application.

### **Objection**

Claims 16-19 are objected to because of improper numbering. Applicant has renumbered original claim 14 to claim 16, and has canceled renumbered claims 17-19.

### ***Claim Rejections under 35 U.S.C. 102***

Claims 1, 5, 6, 8, and 17-19 are rejected under 35 U.S.C.102(b) as being anticipated by Park (U.S. Patent No. 5,949,511).

In response to this rejection, applicant submits that amended claim 1 is allowable over Park and all of the other cited references, as follows:

Amended claim 1 recites in part:

An IPS (in plane switching) liquid crystal display, comprising ...the spacers

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**are made of an ACF (anisotropic conductive film).**

Applicant submits that Park does not teach, disclose, or otherwise suggest the invention as currently recited in amended claim 1.

Park does disclose an IPS liquid crystal display having a first substrate; a second substrate opposite to the first substrate; a liquid crystal layer disposed between the two substrates; a plurality of common electrodes and pixel electrodes disposed on the second substrate; a plurality of spacers disposed on the common electrodes and the pixel electrodes, which are electrically conductive. However, Park does not disclose or suggest an IPS liquid crystal display comprising **a plurality of spacers made of an ACF (anisotropic conductive film).** Accordingly, Park clearly fails to teach or suggest the IPS liquid crystal display as recited in amended claim 1.

In summary, there is nothing in the cited reference that teaches or suggests to one of ordinary skill in the art that they might or should provide the IPS liquid crystal display of amended claim 1.

Accordingly, amended claim 1 is submitted to be novel, unobvious and patentable over Park under both s.102(b) and s.103. Reconsideration and

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withdrawal of the rejection and allowance of amended claim 1 are respectfully requested.

Claims 5 and 8 depend directly or indirectly from amended claim 1, and therefore should also be allowable.

Claim 6 and renumbered claims 17-19 have been canceled without prejudice, and the rejections relating thereto are now moot.

Claims 2 and 3 are rejected under 35 U.S.C. 103(a) as being unpatentable over Park in view of Shimoshikiryo et al. (U.S. Patent No. 6,130,739)

Applicant refers to and relies upon the above remarks regarding amended claim 1 and Park. Further, there is nothing in Shimoshikiryo that teaches or suggests to one of ordinary skill in the art that he or she might or should provide the IPS-LCD comprising a plurality of spacers made from ACF (anisotropic conductive film), as recited in amended claim 1. Accordingly, amended claim 1 is submitted to be unobvious and patentable over Park in view of Shimoshikiryo under 35 U.S.C. 103(a).

Claim 2 depends directly from claim 1. Therefore, reconsideration and

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withdrawal of the rejection of claim 2 are respectfully requested.

Claim 3 has been canceled without prejudice, and the rejection relating thereto is now moot.

Claim 4 is rejected under 35 U.S.C. 103(a) as being unpatentable over Park in view of Shimoshikiryo et al. and in further view of Yano et al. (U.S. Patent No. 6,108,068)

Claim 4 has been canceled without prejudice, and the rejection relating thereto is now moot.

Claims 7, 9, 13 and 16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Park in view of Yano.

Claim 7 has been canceled without prejudice, and the rejection relating thereto is now moot.

Applicant asserts that there is nothing in Park that teaches or suggests to one of ordinary skill in the art that he or she might or should provide an IPS liquid

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crystal display of independent amended claim 9. Though Yano teaches a spacer construction for forming a spacer capable of bonding the first and second substrates in an electroconductive state while having a spacer portion having high hardness for determining the liquid crystal thickness, neither Park nor Yano teaches or suggests to one of ordinary skill in the art that they might or should provide an IPS liquid crystal display of amended claim 9 comprising a spacer body and an electrically conductive film around the spacer body, and the conductive film being made of an ACF (anisotropic conductive film). Accordingly, amended claim 9 is submitted to be unobvious and patentable over Park in view of Yano under 35 U.S.C. 103(a).

Accordingly, reconsideration and withdrawal of the rejection of claim 9 are respectfully requested.

Claim 13 and renumbered claim 16 depend directly from amended claim 9. Therefore reconsideration and withdrawal of the rejections of claim 13 and renumbered claim 16 are respectfully requested.

Claim 10 is rejected under 35 U.S.C. 103(a) as being unpatentable over Park in view of Yano and in further view of Shimoshikiryo.

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Applicant refers to and relies upon the above remarks regarding amended claim 9 and Park in view of Yano. Further, there is nothing in Shimoshikiryo that teaches or suggests to one of ordinary skill in the art that he or she might or should provide the IPS liquid crystal display comprising a spacer body and an electrically conductive film around the spacer body, and the conductive film being made of an ACF (anisotropic conductive film), as recited in amended claim 9. Accordingly, amended claim 9 is submitted to be unobvious and patentable over Park in view of Yano and in further view of Shimoshikiryo under 35 U.S.C. 103(a).

Claim 10 depends directly from amended claim 9. Therefore, reconsideration and withdrawal of the rejection of claim 10 are respectfully requested.

Claim 11 is rejected under 35 U.S.C. 103(a) as being unpatentable over Park in view of Yano and Shimoshikiryo and in further view of Shimizu et al.

Applicant refers to and relies upon the above remarks regarding amended claim 9 and Park in view of Yano and Shimishikiryo. Further, there is nothing in Shimizu that teaches or suggests to one of ordinary skill in the art that he or she

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might or should provide the IPS liquid crystal display comprising a spacer body and an electrically conductive film around the spacer body, and the conductive film being made of an ACF (anisotropic conductive film), as recited in amended claim 9. Accordingly, amended claim 9 is submitted to be unobvious and patentable over Park in view of Yano and Shimoshikiryo and in further view of Shimizu et al under 35 U.S.C. 103(a).

Claim 11 depends indirectly from amended claim 9, and should therefore be allowable. Moreover, the very fact that as many as four references are cited to support the combination rejection is, in addition to the above assertions, further probative of unobviousness. Therefore, reconsideration and withdrawal of the rejection of claim 11 are respectfully requested.

Claim 12 is rejected under 35 U.S.C. 103(a) as being unpatentable over Park in view of Yano and Shimoshikiryo and in further view of Matsumoto (U.S. Patent No. 6,657,999).

Claim 12 has been canceled without prejudice, and the rejection relating thereto is now moot.

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Claim 14 is rejected under 35 U.S.C. 103(a) as being unpatentable over Park in view of Yano and in further view of Shimizu et al (U.S. Patent No. 4,390,245).

Applicant refers to and relies upon the above remarks regarding amended claim 9 and Park in view of Yano. Further, there is nothing in Shimizu that teaches or suggests to one of ordinary skill in the art that he or she might or should provide the IPS liquid crystal display comprising a spacer body and an electrically conductive film around the spacer body, and the conductive film being made of an ACF (anisotropic conductive film), as recited in amended claim 9. Accordingly, amended claim 9 is submitted to be unobvious and patentable over Park in view of Yano and in further view of Shimizu under 35 U.S.C. 103(a).

Claim 14 depends indirectly from amended claim 9. Therefore, reconsideration and withdrawal of the rejection of claim 14 are respectfully requested.

Claim 15 is rejected under 35 U.S.C. 103(a) as being unpatentable over Park in view of Yano and in further view of Matsumoto (U.S. Patent No. 6,657,999).

Claim 15 has been canceled without prejudice, and the rejection relating



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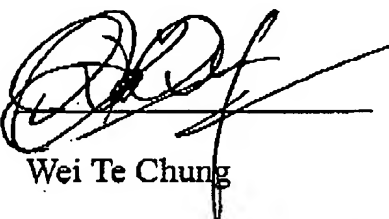
thereto is now moot.

It is respectfully requested that the corresponding terminal disclaimer be not submitted until all other rejection issues have been solved.

In view of the foregoing, the present application as claimed in the pending claims is considered to be in a condition for allowance, and an action to such effect is earnestly solicited.

Respectfully submitted,

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